



FIG. 1

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	1		50
AiBtR	(1)	MGVDVRILTAALVLLAASSTTSAQGMPPFESRCAYMTDIPRPDERPELPPI	
SfBtR	(1)	MAVDVRILTATLLVLTATAQRDR-----CGYMVEIPRPDRP-DFPPQ	
HzBtR	(1)	MAVDVRILTAAVFIIAAHLTFAQD-----CSYMVAIPRPERP-DFPSL	
OnBtR	(1)	MGVERFFPAVLLVSLASAALANQR-----CSYIIAIPRPETP-ELPPI	
BmBtR	(1)	MGVDVRILATLLLIYAETVLAQER-----CGFMVAIPRP RP-DLPEL	
MsBTR	(1)	MAVDVRIAFLVFIAPAVLAQER-----CGYMTAIPRLRPDPNLPVL	
		Signal Peptide	
	51		100
AiBtR	(51)	IYDGLSWNERPLVPANEDRLDVCMDFFF-----RGMQYIFMEEEEIHGD	
SfBtR	(43)	NFDGLTWAQQPLLPAED-REEVCLNDYEPDPWSNNHGDQRIYMEEEEIEGP	
HzBtR	(43)	NFDGIPWSRYPLIPVEG-REDVCMNEFQ---PDALNPVTVIFMEEEEIEGD	
OnBtR	(43)	DYEGKSWSEQPLIPGPT-REEVCMEN-----FLPDQMIQVIYMEEEEIEGD	
BmBtR	(43)	DFEGQTWSQRPLIPAAD-REDVCM DGYH--AMTPTYGTQIIYMEEEEIEGE	
MsBTR	(44)	NFEGQTWSQRPLLPAPPE-RDDL CMDAYH--VITANLGTQVIYMDEEIEDE	
	101		150
AiBtR	(94)	VPIAKLNYIGDKIPYVHSTFTVGSFRLLGPEIRKISG---DWHLVITNRQ	
SfBtR	(92)	VVIKINYQGNTPPQIRLPFRVGAHMLGAEIREYPDATGDWYLVITQRQ	
HzBtR	(89)	VAIARLNRYRGNTPTIVSPFSFGTFNMLGPVIRRI PENGGDWHLVITQRQ	
OnBtR	(87)	VIIAKLNYQG--SNTPVLSIMSGQPRAQLGPEFRQNEADGQWSLVITQRQ	
BmBtR	(90)	VPIAKLNYRGPNPVPIEPAFLSGSFNLLVPVIRRI PDSNGEWHLIITQRQ	
MsBTR	(91)	ITIAILNYNGPSTPFIELPFLSGSYNLLMPVIRRV DN--GEWHLIITQRQ	
	151		200
AiBtR	(141)	DYEAG-TWFHAFTIRIDN-EVDAEVM LAIVNIDDNDPLIDLSEPCQIAEQ	
SfBtR	(142)	DYETPDMQRYTFDVSVEGQSLVTVRLDIVNIDDNAPIIEMLEPCNLPEL	
HzBtR	(139)	DYETPGMQQYIFDVRVDDEPLVATVMLLIVNIDDNDPIIQMFEP CDIPER	
OnBtR	(135)	DYETATMQSYVFSIQVEGESQAVLVALEIVNIDDNPPILOVVSACV IPEH	
BmBtR	(140)	DYETPGMQQYVFNIRIDGETLVAGVSL LIVNIDDNAPIIQALEPCQVDEL	
MsBTR	(139)	HYELPGMQQYMFNVRVDGQSLVAGVSLAIVNIDDNAPIIQNFEP CRVPEL	
	201		250
AiBtR	(189)	RDARSVKTCRYIVHDVDGEISTR FMRYEIESGRG-DEEVFSLVREQAPNN	
SfBtR	(192)	VEPH-VTECKYIVSDADGLISTSVMSYHIDSERG-DEKVFELIRKDYPG-	
HzBtR	(189)	GETG-ITSCKYTVSDADGEISTR FMRFEISSDRD-DDEYFELVRENIQG-	
OnBtR	(185)	GEAR-LTDCVYQVSDRDGEISTR FMTRFDSSRAADESIFYMVGEYDPS-	
BmBtR	(190)	GEAR-LTECVYVVTADGRISTQFMQFRIDSDRG-DDKIFYIQGANIPG-	
MsBTR	(189)	GEPG-LTECTYQVSDADGRISTEFMTFRIDSVRG-DEETFYIERTNIPN-	
	251		300
AiBtR	(238)	EWMWCYMVVEVKGSLDFAQNPLHIFRAHAFDSKDNTHSVLMTVEVKVNEQ	
SfBtR	(239)	DWTKVYMVLELKKSLDYEENPLHIFRVTASDSL PNNRTVMMVEVENVEH	
HzBtR	(236)	QWMYVHMRVHVKKPLDYEENPLHLFRVTAYDSL PNTHTVTMMVQVENVEN	
OnBtR	(233)	DWFNMKMTVGINSPLNFETTQLHIFSVTASDSL PNNHTVTMMVQVENVES	
BmBtR	(237)	EWIRMTMTVGINEPLNFETNPLHIFSVTALDSL PNTHTVTLMVQVENVEH	
MsBTR	(236)	QWMWLNMTIGVNTSLNFVTSPLHIFSVTALDSL PNTHTVTMMVQVANVNS	

FIG. 2A

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	301		350
AiBtR	(288)	RPPQWIEIFAVQQFDEKIKKSFRVRAIDADTGINKTISYRLRTAVGEENL	
SfBtR	(289)	RNPRWMEIFAVQQFDEKQAKSFTVRAIDGDTGINKPIFYRIETEDEDKEF	
HzBtR	(286)	RPPRWMEIFAVQQFDEKTEQSFRVRAIDGDTGIDKPIFYRIETEKGEEDL	
OnBtR	(283)	RPPRWVEIFSVQQFDEKTNQSFSLRAIDGDTGINRAINYTLIR-DDADDF	
BmBtR	(287)	RPPRWVEIFAVQQFDEKTAQSPVRAIDGDTGINKPIHYRLET-AEEDTF	
MsBTR	(286)	RPPRWLEIFAVQQFEEKSYQNFTVRAIDGDTEINMPINYRLIT-NEEDTF	
	351		400
AiBtR	(338)	FELETKEGSQ-GVWLHVGPIDRDELEKEVFLLSIIAYKYGDDG----TLY	
SfBtR	(339)	FSIENIGEGRDGARFHVAPIDRDYLRDMFHIRIIAYKQGDNDKEGESSF	
HzBtR	(336)	FSIQTIEGGREGAWFNAPIDRDTLEKEVFHVSIAYKYGDNDVEGSSSF	
OnBtR	(332)	FSLEVIEDG---AILHVTEIDRDKLERELFNLTIYAYKSTD-----ASF	
BmBtR	(336)	FHIRTIEGGRSGAILYVDPIDRDTLQREVFLSIIAYKYDN-----ESS	
MsBTR	(335)	FSIEALPGGKSGAVFLVSPIDRDTLQREVFLTIYAYKYDE-----EAF	
	401		450
AiBtR	(383)	ETPANITIIINDVNDQLPSPLKEGGVYTIDIMEETPMTLN-LENFGFHDR	
SfBtR	(389)	ETSANVTIIINDINDQRPEPFHK--EYTIISIMEETAMTLD-LQEFGFHDR	
HzBtR	(386)	QSKTDVVIIIVNDVNDQAPLPFRE--EYSIEMEETAMTLN-LEDFGFHDR	
OnBtR	(373)	ATEAHIFIIVNDVNDQRPEPLHK--EYSIDIMEETPMTLNFNEEFGFHDR	
BmBtR	(380)	ATAANVVIIVNDINDQRPEPLFK--EYRLNIMEETALTLNFDQEFGFHDR	
MsBTR	(379)	STSTNVVVIIVTDINDQRPEPIHK--EYRLAIMEETPLTLNFDKEFGFHDK	
	451		500
AiBtR	(432)	DLGPNAQYNVRLESVYPDGVHEAFYIAPERGYQRQSFFLSTQNHHMLDYE	
SfBtR	(436)	DIGPHAQYDVHLESIQPEGAHTAFYIAPEEGYQAQSFTIGTRIHNMLDYE	
HzBtR	(433)	DLGPHAQYTVHLESIHPPRAHEAFYIAPEVGYQRQSFIMGTQNHMLDFE	
OnBtR	(421)	DLGENAQYTVELEDVFPFGAASAFYIAPGSGYQRQTFIMGTINHTMLDYE	
BmBtR	(428)	DLGQNAQYTVRLESDDYPADAAKAFYIAPEVGYQRQTFIMGTANHMLDYE	
MsBTR	(427)	DLGQNAQYTVRLESVDPPGAEEAFYIAPEVGYQRQTFIMGTNLHSMMLDYE	
	501		550
AiBtR	(482)	NETVDFTKIQIKAVAIDSLNNTMKGATININLINWNDELPIFKNSVQNV	
SfBtR	(486)	DDD-YRPGIKLKAVAIDRHDNNHIGEAIININLINWNDELPIFDEDAYNV	
HzBtR	(483)	VP--EFQNIQLRAVAIDMDDPKWVGIAIINIKLINWNDELPMFESDVQTV	
OnBtR	(471)	DV--IFQNIIIKVKAVDMNASHVGEALVYVNLINWNDELPIFEESYSA	
BmBtR	(478)	VP--EFQRIRLRVIAIDMDNEEHVGVAYVYINLINWNDEEPIFEHSVQNV	
MsBTR	(477)	VP--EFQSITIRVVATDNNDRHVGVVALVHIDLINWNDEQPIFEHAVQTV	
	551		600
AiBtR	(532)	SFPETVAAGFHVATIKAEDRDVGDRVEHSLMGNAVDFLTIDKYSGEIFVA	
SfBtR	(535)	TFEETVGDFHIGKYRAKDRDIGDIVEHSILGNAANFLRIDIDTGDVYVS	
HzBtR	(531)	SFDETEGAGFYVATVVAKDRDVGDKEHSLMGNAVSYLRIDKETGEIFVT	
OnBtR	(519)	SFKETVGAGFPVATVLALDRDIDDVVHSLMGNAVDYLFIDESTGEIFVS	
BmBtR	(526)	SFKETEGKGFVANVRAHHRDIDDRVEHTLMGNANNYLSIDKDTGDIHVT	
MsBTR	(525)	TFDETEGEGFFVAKAVAHHRDIGDVVEHTLLGNAVNFLLTIDKLTGDIRVS	

FIG. 2B

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	601		650
AiBtR	(582)	VNNSFNYHRQNELFIQIRADDTLGEGPYHTTTSQ LVIYLEDVNNTPPVLR	
SfBtR	(585)	RDDYFDYQRQNEIIVQILAVDTLG-LPQNRATTQ LTI FLEDINNTPPILR	
HzBtR	(581)	ENEAFNYHRQNELFVQIPADDTLG-EPYNTNTTQ LVIKLRDINNTPPTLR	
OnBtR	(569)	MDDAFDYHRQNTLFVQVRADDTLG D GPHNTVTTQ L VIELEDVNNTPPTLR	
BmBtR	(576)	QDDFFDYHRQSELFVQVRADDTLG-EPFHTATSQ LLIHLEDINNTPPTLR	
MsBtR	(575)	ANDSFNYHRESELFVQVRATDTLG-EPFHTATSQ LVIRLNDINNTPPTLR	
	651		700
AiBtR	(632)	LPRRGPHVEENVPHGHPITNDDGIQLIASDPDTT AELWFEIDWEESYATK	
SfBtR	(634)	LPRSSPSVEENVVEVGHPIPEG--LTATDPDT--T ADLHFEIDWDNSYATK	
HzBtR	(630)	LPRATPSVEENVPDGFVIP----TQLHATDPDTT AELRFEIDWQNSYATK	
OnBtR	(619)	LPRSTPSVEENVPEGYEIS----REITATDPDTS AYLWFEIDWDSTWATK	
BmBtR	(625)	LPRGSPNVEENVPEGYIIT----SEIRATDPDTT AELRFEIDWTTSYATK	
MsBtR	(624)	LPRGSPQVEENVPDGHVIT----QELRATDPDTT ADLRFEINWDTSFATK	
	701		750
AiBtR	(682)	QGNE-TLKDEYRNCIEILTRYQDENRKGEAYGV LEVRQIRDDPVVTIDYE	
SfBtR	(680)	QGTNGPNTADYHGCVEILTVYPDPDNHGRAEGL VAREVSDG--VTIDYE	
HzBtR	(676)	QGRN-TDSKEYIGCIEIETIYPNINQRGNAIGRV VVREIRDG--VTIDYE	
OnBtR	(665)	QGRE-TNPTEYVGCIVIETIYPTEGNRGS AIGRLVVQEIRDN--VTIDFE	
BmBtR	(671)	QGRE-ANPIEFHNCVEIETIYPAINNRGS AIGRLVVKKIREN--VTIDYE	
MsBtR	(670)	QGRQ-ANPDEFRCNVEIETIFPEINNRLAIGRV VAREIRHN--VTIDYE	
	751		800
AiBtR	(731)	EFEVLYLVVRVRDRNTTLGDDYDEGTLTITI I DMNDNWPTWEEGQLTQQF	
SfBtR	(728)	KFEVLYLVVRVIDRNTVIGPDYDEAMLTVTI I DMNDNWPIWADNTLQQTL	
HzBtR	(723)	MFEVLYLTVIVRDLNTVIGEDHDISTFTITI I DMNDNPPLWVEGTLTQEF	
OnBtR	(712)	EFEMLYLTVRVRDLNTVIGDDYDEATFTITI I DMNDNAPIFANGTLTQTM	
BmBtR	(718)	EFEMLYLTVRVRDLNTVIGDDYDESTFTITI I DMNDNPPIWVPGTLEQSL	
MsBtR	(717)	EFEVLSLTVRVRDLNTVYGDDYDESMLTITI I DMNDNAPVWVEGTLQNF	
	801		850
AiBtR	(781)	RVREMSLSGVVIGSLRATDRDGPLYNQVRYTI QPVDGTPADLVAIDFRTG	
SfBtR	(778)	RVREMADEGVIVGTLLATDLGPLYNRVRYTMV PIKDTPPDLLIAINYVTG	
HzBtR	(773)	RVREVAASGVVIGSVLATDIDGPLYNQVRYTI TPRLDTPEDLVDIDFNTG	
OnBtR	(762)	RVRELAASGTLIGSVLATDIDGPLYNQVRYTI QPRNNTPEGLVKIDFTTG	
BmBtR	(768)	RVREMSDAGVVIGTLTATDIDGPLYNQVRYTM KANEGTPENLLMIDFYTG	
MsBtR	(767)	RVREMSAGGLVVGSVRADDIDGPLYNQVRYTI FPREDTDKDLIMIDFLTG	
	851		900
AiBtR	(831)	QMTVQKNQAIDADVPPRFNLYYTVTASDKCSME DQS-NCPDDKTYWNTTA	
SfBtR	(828)	QLTVNKGQAIDADDPPRFYLYYKVTASDKCSL DEFFPVCPPDPTYWNTG	
HzBtR	(823)	QISVKLHQAIDADEPPRQNLYYTVIASDKCDLL TVT-ECPPDPTYFETPG	
OnBtR	(812)	QIEVDANEAIDADEPWRFYLYYTVIASDECSLE NRT-ECPPDSNYFEVPG	
BmBtR	(818)	QITVKTSGAIDADVPPRYNLYYTVVATDRCYAE DDP-DCPPDPTYWETPG	
MsBtR	(817)	QISVNTSGAIDADTPPRFHLYYTVVASDRCS TEDPA-DCPPDPTYWETG	

FIG. 2C

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		901		950
AiBtR	(880)	KIAIQVIDTNNKVPFVEPEKFKNEVTIVEDPVTGDVTFLTSESIYEDAVS		
SfBtR	(878)	EIAIAITDTNNKIPRAET-----DMFPSEKRIYENTPN		
HzBtR	(872)	EITIHITDTNNKVPQVE-----DDKFEATVYIYEGADD		
OnBtR	(861)	DIEIEIIDTNNKVPEPL-----TEKFNTTVYVWENATS		
BmBtR	(867)	QVVIQIIDTNNKIPQPE-----TDQFKAVVYIYEDAVS		
MsBtR	(866)	NITIHITDTNNKVPQAE-----TTKFDTVYIYENATH		
		951		1000
AiBtR	(930)	GDHVFQLFVGDLDRDLPNNNVSYTINFGVNPRIRDFFEVDLVTGWVRVHY		
SfBtR	(911)	GTKITTIIASDQDRDRPNNALTYRINYAFNHRLNFFAVDPDTGELFVHF		
HzBtR	(905)	GQHVVQIYASDLDRDEIYHKVSYQINYAINSRLRDFEFMDLESGLVYVNN		
OnBtR	(894)	GDEVVQLYSHDRDRDELYHTVRYTMNFAVNPRLRDFFEVDLDTGRLEVHY		
BmBtR	(900)	GDEVVKVIGSDDLDRDDIYHTIRYQINYAVNPRLRDFFAVDPDTGRVYVYY		
MsBtR	(899)	LDEVVTLIASDLDRDEIYHTVSYVINYAVNPRLMNFFSVNRETGLVYVDY		
		1001		1050
AiBtR	(980)	PG---PDKLDRDGDEPTTHRIHFSIFDNFMSEGEPNRNQISGEALIIILLDV		
SfBtR	(961)	TTS---EVLDRDGEEPEHRIIFTIVDNLEGAGDGNQNTISTEVRVILLDI		
HzBtR	(955)	TAG---ELLDRDGDEPTTHRIFFNVIDNFYGEDGNRNQNETQVLVLLDI		
OnBtR	(944)	PG---DEKLDRDGDEPTHTIFVNFIDNFFSDGDGRRNQDEVEIFVLLDV		
BmBtR	(950)	TT---DEVLDRDGDEPQHRIFFNLDNFFQQGDGNRNQNDAEVLVLLDV		
MsBtR	(949)	ETQGSGEVLDRDGDEPTTHRIFFNLDNFMGEGEGRNQNDTEVLVILLDV		
		1051		1100
AiBtR	(1027)	NDNKPPELSPDSFPPWTVSESVVEGVRIPPEILAPDRDEPGTDNSRVAYD		
SfBtR	(1008)	NDNKPPEL-IPDGEFWTVSEGEVEGKRIPPEIHAHDRDEPFNDNSRVGYE		
HzBtR	(1002)	NDNYPELP---ETIPWAISESLELGERVQPEIFARDRDEPGTDNSRVAYA		
OnBtR	(991)	NDNAPEMPL-PDELRFVDVSEGAVAGVRVLPEIYAPDRDEPDTNSRVGYG		
BmBtR	(997)	NDNAPELPE-PDELSWSVSESLTKGTRLQPHIYAPDRDEPDTNSRVGYA		
MsBtR	(999)	NDNAPELPP-PSELSWTISENLKQGVRLPHIFAPDRDEPDTNSRVGYE		
		1101		1150
AiBtR	(1077)	LLGVTPER-DIEVPQLFKIETIEKDLG-INQTGILETVTPLQGYWGTYEI		
SfBtR	(1057)	IRSIKLINRDIELPQDPFKIITIDDLDTWKVFGELETTMDLRGYWGTYDV		
HzBtR	(1049)	ITGLASTDRDIQVPNLFNMITIERDRG-IDQTGILEAAMDLRGYWGTYQI		
OnBtR	(1040)	ILDLTITDRDIEVPDLFTMISIEN-----KTGELETAMDLRGYWGTYEI		
BmBtR	(1046)	IISLTIANREIEVPELFTMIQIQN-----VTGELETAMDLRGYWGTYAI		
MsBtR	(1048)	ILNLSTER-DIEVPELFTMIQIAN-----VTGELETAMDLRGYWGTYAI		
		1151		1200
AiBtR	(1125)	HIKAFDHGDPRQESDEKYQLVVRPYNFHEPTFVFPLDGSAIRLSRDRAIV		
SfBtR	(1107)	EIRAFDHGFPM LDSFETYQLTVRPYNFHSVPVFVFTPGSTIRLSRERAI		
HzBtR	(1098)	DIQAYDHGIPQRISNQKYPLVIRPYNFHDVPVFVFPQPGSTIRLAKERAVV		
OnBtR	(1084)	FIEAFDHGYPPQORSNETYTLVIRPYNFHHVPVFVFPQPDVIRLSRERATE		
BmBtR	(1090)	HIKAYDHGIPQOMSNETYELVIRPYNFHAPVFVFPKHGATLRLARERAVV		
MsBtR	(1091)	HIRAFDHGIPQMSMNETYELIIHPFNYYAPEFVFPTNDAVIRLARERAVI		

FIG. 2D

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		1201		1250
AiBtR	(1175)	SGELTVVGAAQ-APLQRISATDEDEGLHAGTVSFSVVGDDDEAMNYFDVWND		
SfBtR	(1157)	NGMLALANIASGEFLDRLSATDEDEGLHAGRVTFISIAGNDEAAEYFNVLND		
HxBtR	(1148)	NGILATVDG---EFLDRIVATDEDEGLEAGLVTFISIAGDDEDAQFFDVLND		
OnBtR	(1134)	GGVLATAAN---EFLEPIYATDEDEGLHAGSVTFHVQGNEEAVQYFDITEV		
BmBtR	(1140)	NGLLATVDG---EFLNRIVATDEDEGLHAGQVAFEVVGDTAEVDYFHVND		
MsBtR	(1141)	NGVLATVNG---EFLERISATDPDGLHAGVVTFQVVGDEESQRYFQVND		
		1251		1300
AiBtR	(1224)	GE--NSGMLALKQALPDGFQEFKLTIRATDAGDEPGPKSTDSTVTVVFIP		
SfBtR	(1207)	GDN--SAMLTLKQALPAGVQQFELVIRATDGGTEPGPRSTDSCSVTVVFVM		
HxBtR	(1195)	GVN--SGALTTLRLFPPEEFREFQVTIRATDGGTEPGPRSTDCLVTVVFVP		
OnBtR	(1181)	GAGENSGQLILRQLFPQIRQFRITIRATDGGTEPGPLWTDVTFVVFVP		
BmBtR	(1187)	GE--NSGTLMLKQLFPEDIREFEVTIRATDGGTEPRPLSTDCTFSVVFVP		
MsBtR	(1188)	GE--NLGSLRLQLAVPEEIREFRITIRATDQGTDPGPLSTDMTFRVVFVP		
		1301		1350
AiBtR	(1272)	Q-VEPQFPNTQEVAFIEFEAGRSEHeltaAVDQKNILCDIDCYTVVYTT		
SfBtR	(1255)	TQGDPVFDNAASVRVFEKEAGMSEKFLPQADDPKNYRCMDCHTIYYS		
HxBtR	(1243)	TQGEVPFEDRTYTVAFFVEKDEGMLLEAEPRASDPNIMCEDDCHDTYYS		
OnBtR	(1231)	TQGDPVFSENAATVAFFEGEGLRESFELPQAE DLKNHLCEDDCQDIYYR		
BmBtR	(1235)	IQGEPIFPTSTHTVAFIEKEAGLLERHELPRAE DRKNHLCSDCHNIYYR		
MsBtR	(1236)	TQGEPRFASSEHAVAFIEKSAGMEESHQLPLAQDIKNHLCEDDCHSIYYR		
		1351		1400
AiBtR	(1321)	IIGGNAAGHFALDG--NYLVLYSELDRAQAE RHETLOVAASNY-PEGVTAA		
SfBtR	(1305)	IVDGNDDGHFAVEPEENVTYLLKPLDRSCQBOYRVVVAASNT-EGGTSTL		
HxBtR	(1293)	IVGGNSGEHFTVDPRTNVLISLVKPLDRSEQETHILLTCASDT-DNEAAVE		
OnBtR	(1281)	FIDGNNEGLEFVLDOSSNVTSLAQELDREVATSYTLRLAASNSPDATCTPL		
BmBtR	(1285)	IIDGNNDGHFGLDETENVLFVKSIDRSVSETYTLTIAASNS-PTGGAL		
MsBtR	(1286)	IIDGNSEGHFGLDEVRNRLFLKKELREBOSASHTLOVAASNS-PEGGLPE		
		CryIA Binding domain		
		1401		1450
AiBtR	(1368)	PASTLTVTIVTYREANRPDPFERNIYTTOMSATDTDSRPPLTVSATHSE		
SfBtR	(1354)	SSSLIVVTIGVREANRPDPFESEFYTAGVLEHDSH-KELIVYLAARHSE		
HxBtR	(1342)	QASTLTVTIVTYREANRPDPVFORALYTAGISAGDPIE-RNLGLTVATHSE		
OnBtR	(1331)	QTSILVVTIVTYREANRPDPFQDLYTAGISTLDSIQ-RELLTVRATHSE		
BmBtR	(1334)	IS-ITITIVTYREADFPQFEVRDLYTAGISTDSIN-RELLTLOATHSE		
MsBtR	(1335)	PASTLTVTIVTYREANRPDPVRELTYTAGISTADSIQ-RELLRLHATHSE		
		CryIA Binding domain		
		1451		1500
AiBtR	(1418)	LPITTYAIDQDENIVLDPYTLQVRESAFSNNPETGELMRMLQPMANMHGMFE		
SfBtR	(1403)	LPILVYSIDQETMKIDRESLQTVVEDAFDINSATGVI-SLNFOPTSMHGMFE		
HxBtR	(1391)	LPITTYTLTQESMEADPTLEAVQESAFILNPETGVLSLNFOPTASMHGMFE		
OnBtR	(1380)	DTITVYTLDRASMOLDSSLEAVRDSAPALHATTCVLSLNFOPTASMHGMFE		
BmBtR	(1382)	APITRYTTONSTWVTDPTLASVRETAFILNPHIGVLETLNLOPTASMHGMFE		
MsBtR	(1384)	SATCTYATDYDTWVDPSSLEAVROSATVLSNAQTGVLETLNLOPTATMHGLFK		
		CryIA Binding domain		

FIG. 2E

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		1501		1550
AiBtR	(1468)	EDLLATDPLAGAGGOSHNKVVLLTSRNRVVFTEYNSQESVQEHRTFIAQTF		
SfBtR	(1453)	REVVASDTRGASDRAKVSTMTSTRVRVATLENTAEVNERNNFIAQTF		
HzBtR	(1441)	REVKATDSRTEFARTEVKVLLTSRNRVVFTEYNNPLPEVTPQEDFIAETF		
OnBtR	(1430)	EDV/IATDPLASAIIDTARYKVLLTSRNRVVFTEYNNQLETVEQNRNFIAATF		
BmBtR	(1432)	REV/VATDPAQYSDRANMKIYLLTSRNRVVFTEYNTLEQVEQNTDFIAQTF		
MsBtR	(1434)	REV/VATDPAQAQDRIDVIVVYSSRNRVVFTEYNTLQQVEDNRDFIADTF		
		CryIA Binding domain		
		1551		1600
AiBtR	(1518)	TRVYSMTCNIEDIVPATD-SNGQYLTTETHVTAHFIRDDLDPVDADDVQEL		
SfBtR	(1503)	ANAFGMTCNIDSVLPATD-ANGVIREGYTELQAHFIRDDQVPADYIEGL		
HzBtR	(1491)	TAFFGMTCNIDQSWWASDPVTGATKDDQTEVRAHFIRDDLDPVPAEEIEQL		
OnBtR	(1480)	STGFNMTCNIDQVVPFSD-SSGVAQDDTTEVRAHFIRDNPVQAQVEEAV		
BmBtR	(1482)	SAGFEMTCNIDQVVPATD-ASGVIMNGITEVRGHFIRDNPVPADEIETL		
MsBtR	(1484)	SAGFNMTCNIDQVVPANDPVTGVALEHSTQMRGHFIRDNPVLADEIEQI		
		1601		1650
AiBtR	(1567)	IEDTELFRELRTTMLGLGLQLTNVQSGLPSPVAGEDQMLAVYILAGLAGV		
SfBtR	(1552)	FTELNTLRDIREVLSTQQLTLLDFAAGGSAVLPGGEYALAVYILAGIAAL		
HzBtR	(1541)	RGNPTLVNSIQRALEEQNQLADLFTGETPILGGDAQARALYALAAVAAA		
OnBtR	(1529)	RSDTVLLRTIQLMLSTNSLVLQDLVTGDTPTLGEESMQIAVYALAALSAV		
BmBtR	(1531)	RGDMVLLTAIQSTLATRLLVLRDLFTDTSAP-DAGSAAVLYALAVLSAL		
MsBtR	(1534)	RSDLVLLSSIQTTLAARSLVLQDLLTNSSPDS-APDSSLTVYVLASLSAV		
			Trans -	
		1651		1700
AiBtR	(1617)	LALLCIVLLITFIIRNRSNRRRIAALSATKYNSVDSNLNRIGLAAPGTNK		
SfBtR	(1602)	LAVICLALLIAFFIRNRTLNRRIEALTIKDVP-TDIEPNHASVAVLNINK		
HzBtR	(1591)	LALIVVLLIVFFVTRTLNRRLQALSMTKYSSQDSGLNRVGLAAPGTNK		
OnBtR	(1579)	LGFLCLVLLLALFCRTRALNRQLQALSMTKYGSVDSGLNRAGLAP-GTNK		
BmBtR	(1580)	LAALCLLLLVIIFIIRTKKLNRRLEALTVKKYGSVDSGLNRVGIAAPGTNK		
MsBtR	(1583)	LGFMCVLVLLTFIIRTRALNRRLREALSMTKYGSLSGLNRAGIAAPGTNK		
		membrane		
		1701		1750
AiBtR	(1667)	HAFE-PNPIWNETIKAPDFDAISEQSNDSDLIGIEDLPQFRNDYFPPEQE		
SfBtR	(1651)	HTEPGSNPFYNPDVKTPNFDTISEVS--DDLLDVEDLEQFGKDYFPPENE		
HzBtR	(1641)	HAVEGSNPIWNETLKAPDFDALSEQSYDSDLIGIEDLPQFRNDYFPPEEG		
OnBtR	(1628)	HAVEGSNPMWNEAIRAPDFDAISDASGSDSLIGIEDMPQFRDDYFPFGDT		
BmBtR	(1630)	HAVEGSNPIWNETIKAPDFDSMSDASNDSDLIGIEDLPHFGENNYFPRDV		
MsBtR	(1633)	HTVEGSNPIFNEAIKTPDLDAISEGSNDSDLIGIEDLPHFGN---VFMDP		
		1751		1795
AiBtR	(1716)	IDMNSNDIGYPEMDARNPLPNHENNFYGYSNAPFNPDFTNQSRR-		
SfBtR	(1699)	IESLN-----FARNPIATHGNNGVNSSPSNPEFSNSQFRS-		
HzBtR	(1691)	SSMRG----VVNEHVPESIANHNNNFGFNSTPFSPEFANTQFRR-		
OnBtR	(1678)	DSSSGIVLHMGEATDNKPVTTHGNNGFGKSTPYLPQPHK-----		
BmBtR	(1680)	DEFK-----TDKPEDIVATHNNNFGFKSTPFSPEFANQFQK--		
MsBtR	(1680)	EVNE-----KANGYPEVANHNNNFAFNPTPFSPEFVNGQFRKI		

FIG. 2F